

WHAT IS CLAIMED IS:

1 *sub a* 1. A studless tire, wherein non-metal staple fibers having an  
2 average fiber diameter of 1 to 100  $\mu\text{m}$  and an average length of 0.1 to 5  
3 mm are dispersed in a diene rubber in such a way that the non-metal  
4 staple fibers are oriented in a thickness direction of a tread, a complex  
5 elastic modulus  $E_1$  in the thickness direction of the tread and an elastic  
6 module  $E_2$  in a circumferential direction of the tire measured at  $25^\circ\text{C}$   
7 satisfy the equation  $1.1 \leq E_1/E_2 \leq 4$ , and hardness of the tread rubber  
8 measured at  $-10^\circ\text{C}$  is 45 to 75 degrees.

1 *sub b* 2. A studless tire of Claim 1, wherein the non-metal staple  
2 fibers are non-metal inorganic staple fibers.

1 3. A studless tire of Claim 2, wherein the non-metal staple  
2 fibers are glass fibers or carbon fibers.

*sub b*

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